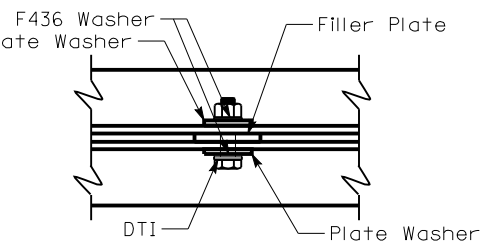
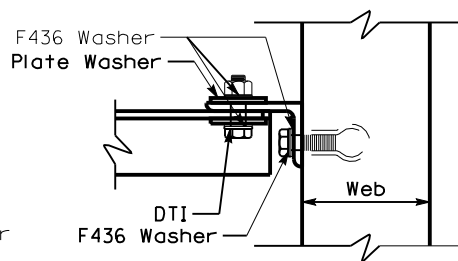


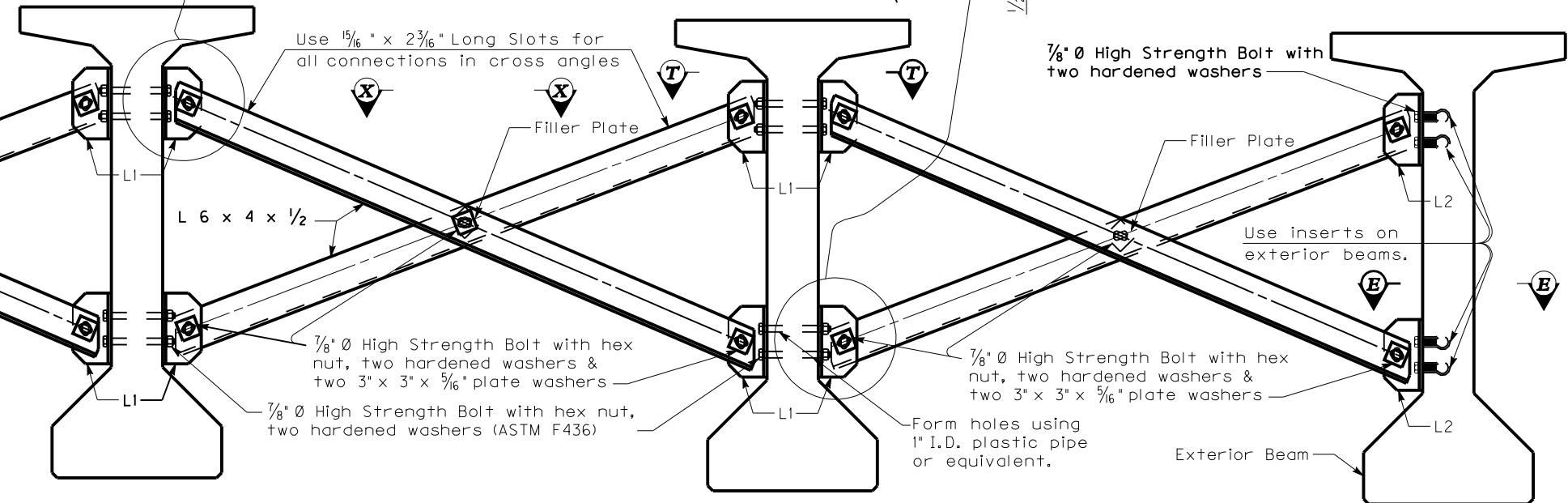
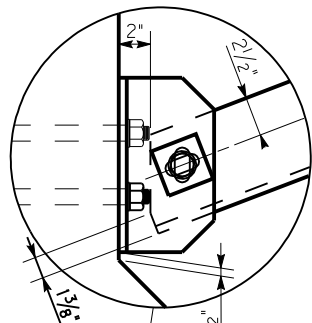
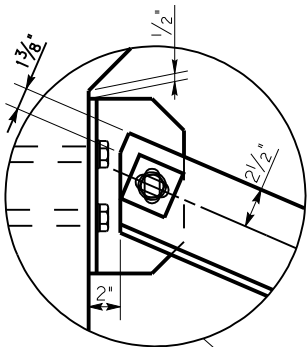
SECTION T-T



SECTION X-X



SECTION E-E



INTERMEDIATE DIAPHRAGM DETAILS

~Typical for 0° Skew Bridges~

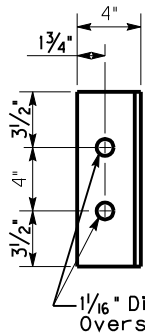
Diaphragm Notes

CONNECTIONS: Ensure all bolted connections are ASTM A325, 7/8 inch diameter high strength bolts, nuts, and washers, mechanically zinc coated in accordance with AASHTO M298, for Class 50. Install all high strength bolted field connections using "direct tension indicators" (DTI's) in accordance with the Standard Specifications and ASTM F959. Ensure all DTI's are mechanically zinc coated. Show installation details of the DTI's on the shop plans. Place DTI's under the bolt head.

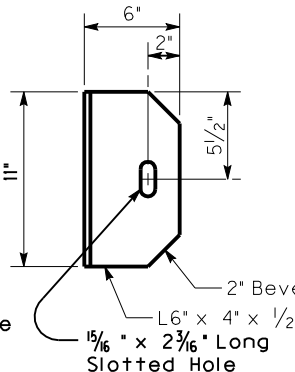
STRUCTURAL STEEL: Ensure plates and angles conform to AASHTO M 183 and galvanized after fabrication.

SHOP DRAWINGS: Show the location of all inserts and holes on the precast beam shop drawings. Submit shop drawings for the steel diaphragms to the Division of Bridge Design for approval.

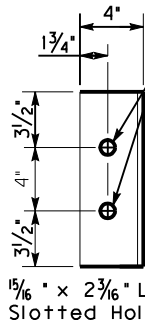
DIAPHRAGMS: Erect the diaphragms the same day that the precast beams are placed on the substructure. Include the cost of all materials and labor required to fabricate and erect the diaphragms in the bid for Precast Beams.



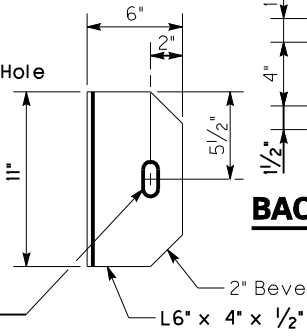
Beam Face



Diaphragm Face



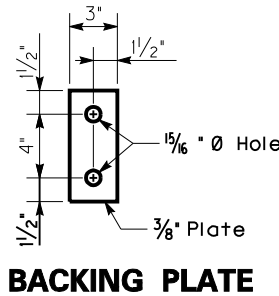
Beam Face



Diaphragm Face

CLIP ANGLE - L1

CLIP ANGLE - L2



BACKING PLATE

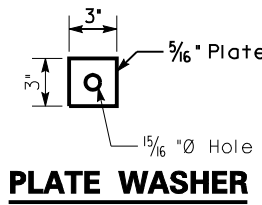
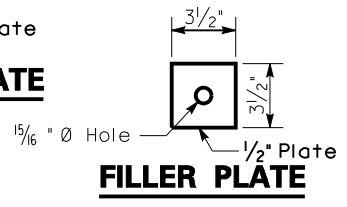


PLATE WASHER



FILLER PLATE

ITEM NUMBER

REVISION	DATE
DESIGNED BY:	CHECKED BY:
DETAILED BY:	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS	
COUNTY	
ROUTE	CROSSING
PREPARED BY Division of Bridge Design	
SHEET NO.	
DRAWING NO.	